

WHAT IS CLAIMED IS:

1. A rear floor part structure for a vehicle, comprising:

a rear support bracket disposed between a rear floor panel part forming a spare-tire compartment and a rear floor cross member for connecting said spare-tire compartment and
5 said rear floor cross member;

a cross member bracket configured to be mounted at a coupling part of said rear floor cross member and a rear floor side member for increasing the rigidity of said coupling part;
and

a pair of side member brackets disposed to face each other and inserted by being
10 welded inside said rear floor side member near the coupling part where said rear floor cross member couples with said rear floor side member.

2. The structure as defined in claim 1, wherein said rear support bracket comprises:

a first side flange connecting with an outer bottom side of said spare-tire
15 compartment by welding;

a pair of second side flanges connecting with an outer side of said spare-tire compartment by welding;

a third side flange connecting with an outer bottom side of said rear floor cross member by welding; and

20 a side body connecting said first, second and third side flanges.

3. The structure as defined in claim 1, wherein a polygonal-shaped sealed area is formed between said rear floor panel, said rear floor cross member, and said rear support bracket in close proximity of said spare-tire compartment.

4. The structure as defined in claim 1, wherein said cross member bracket
25 comprises:

a first coupling side connecting with an inner bottom side of said rear floor cross member;

a second coupling side extending from said first coupling side for connecting with an inner lateral side of said rear floor cross member; and

30 a third coupling side extending from said first and second coupling sides for connecting with an outer lateral side of said rear floor side member.

5. The structure as defined in claim 1, wherein said side member bracket comprises:

a first welding side connecting with an inner bottom side of said rear floor side member by welding;

5 a second welding side extending from said first welding side and connecting with an inner lateral side of said rear floor side member; and

a welding side body connecting said first welding side and said second welding side.